

Rhodora

JOURNAL OF THE
NEW ENGLAND BOTANICAL CLUB

NORTON H. NICKERSON, Editor-in-Chief
JOAN Y. NICKERSON, Managing Editor

Associate Editors

DAVID S. BARRINGTON
A. LINN BOGLE
DAVID E. BOUFFORD
CHRISTOPHER S. CAMPBELL
WILLIAM D. COUNTRYMAN
GARRETT E. CROW

RICHARD A. FRALICK
GERALD J. GASTONY
C. BARRE HELLQUIST
MICHAEL W. LEFOR
ROBERT T. WILCE

VOLUME 94

1992

The New England Botanical Club, Inc.

Harvard University Herbaria, 22 Divinity Ave., Cambridge, Mass. 02138

INDEX TO VOLUME 94

New scientific names are in **bold face**

- A(risaema) draconium, *Arisaema triphyllum* subsp. *stewardsonii* ×, hybrids in Massachusetts. A naturally-occurring population of putative, 340-347
- Aconogonon (*Polygonum* sect. *Aconogonon*) in Alaska. Choosing the correct name for, 319-322
- Additions to the flora of Newfoundland. II. 383-386
- Alabama. A new species of *Blephilia* (*Lamiaceae*) from northern, 1-14
- Alaska. Choosing the correct name for *Aconogonon* (*Polygonum* sect. *Aconogonon*) in, 319-322
- Alpine flora of the northeastern United States. Contributions to the, 15-37
- ANNOUNCEMENTS
- Jesse M. Greenman Award 108, 399
- NEBC Award for Support of Botanical Research 106, 397
- NEBC and New England Wildflower Society Symposium 99
- New England Botany Graduate Students Meeting 107
- Ronald L. Stuckey Herbarium Endowment Fund 107
- U.S. National Arboretum Herbarium 398
- Arethusa bulbosa*, *Calopogon tuberosus* and *Pogonia ophioglossoides* (*Orchidaceae*) in eastern Newfoundland. Ecological aspects of, II. Partitioning the microhabitat. 374-380
- Arisaema triphyllum* subsp. *stewardsonii* × *A. draconium* hybrids in Massachusetts. A naturally-occurring population of putative, 340-347
- Armoracia lacustris* (*Brassicaceae*) rediscovered in Ohio. 387-390
- Aster* and *Solidago*. Chromosome number determinations in Fam. *Compositae*, Tribe *Astereae*. IV. Additional reports and comments on the cytogeography and status of some species of, 48-62
- Asteraceae* of the Guianas, III: *Vernoniaeae* and the restoration of the genus *Xiphochaeta*. The, 348-361
- Barrington, David S. Climate and the disjunct distribution of *Polystichum alfarri* (Christ) Barr., *comb. nov.* in Mesoamerica. 327-339
- Berkshire County, Massachusetts. Natural plant communities of, 171-209
- Blephilia* (*Lamiaceae*) from northern Alabama. A new species of, 1-14
- Blephilia subnuda*** Simmers & Kral, *sp. nov.* 2
- Boland, J. Todd and Peter J. Scott. Ecological aspects of *Arethusa bulbosa*, *Calopogon tuberosus* and *Pogonia ophioglossoides* (*Orchidaceae*) in eastern Newfoundland. II. Partitioning the microhabitat. 374-380
- BOOK REVIEWS
- Phytogeography and Vegetation Ecology of Cuba. 103-105
- Plants of Northern British Columbia. 393-394
- Rare Plants of Prince Edward Island. The, 102
- Spores of the Pteridophyta: Surface, Wall Structure, and Diversity Based on Electron Microscope Studies. 100-101
- Bouchard, Andre *see* Hay, Stuart G.
- Brouillet, Luc *see* Hay, Stuart G.
- Burk, C. John *see* Sanders, Laurie L.
- Buttrick, Steven C. Habitat management: a decision making process. 258-286
- C. (Chloris) dankeyana* Adams. *C. inflata* Link and, *Chloris barbata* Sw. and *C. elata* Desvaux (*Poaceae*), the earlier names for, 135-140
- C. (Chloris) elata* Desvaux, *Chloris bar-*

- bata Sw. and, (Poaceae), the earlier names for *C. inflata* Link and *C. dandeyana* Adams. 135-140
- C. (Chloris) inflata* Link and *C. dandeyana* Adams. *Chloris barbata* Sw. and *C. elata* Desvoux (Poaceae), the earlier names for, 135-140
- Caldwell, Fredricka A. and Garrett E. Crow. A floristic and vegetation analysis of a freshwater tidal marsh on the Merrimack River, West Newbury, Massachusetts. 63-97
- Calopogon tuberosus and Pogonia ophioglossoides (Orchidaceae) in eastern Newfoundland. Ecological aspects of *Arethusa bulbosa*, II. Partitioning the microhabitat. 374-380
- Canada. Geographical distribution and ecology of Long's Bulrush, *Scirpus longii* (Cyperaceae) in, 141-155
- Cape Cod. An indigenous population of *Clintonia borealis* (Liliaceae) on, 98-99
- Carex caryophyllea* (Cyperaceae) in Massachusetts. Persistence of, 210-211
- Carolina Beach State Park (North Carolina). The flora of limesink depressions in, 156-166
- Carpheporus corymbosus* (Compositae). Comments on the phenology of, 323-325
- Chambers, Kenton L. Choosing the correct name for *Aconogonon* (Polygonum sect. *Aconogonon*) in Alaska. 319-322
- Chloris barbata* Sw. and *C. elata* Desvoux (Poaceae), the earlier names for *C. inflata* Link and *C. dandeyana* Adams. 135-140
- Chmielewski, Jerry G. *see* Semple, John C.
- Choosing the correct name for *Aconogonon* (Polygonum sect. *Aconogonon*) in Alaska. 319-322
- Chromosome number determinations in Fam. Compositae, Tribe Astereae. IV. Additional reports and comments on the cytogeography and status of some species of *Aster* and *Solidago*. 48-62
- Chromosomes of Mexican *Sedum* VI. Section *Sedastrum*. 362-370
- Climate and the disjunct distribution of *Polystichum alfarri* (Christ) Barr., *comb. nov.* in Mesoamerica. 327-339
- Clintonia borealis* (Liliaceae) on Cape Cod. An indigenous population of, 98-99
- Comments on the phenology of *Carpheporus corymbosus* (Compositae). 323-325
- Contributions to the alpine flora of the northeastern United States. 15-37
- Corey, David T. Comments on the phenology of *Carpheporus corymbosus* (Compositae). 323-325
- Cross, Shirley G. An indigenous population of *Clintonia borealis* (Liliaceae) on Cape Cod. 98-99
- Crow, Garrett E. *see* Caldwell, Fredricka A.
- Crow, Garrett E. *see* Weatherbee, Pamela B.
- Cytogeography and status of some species of *Aster* and *Solidago*. Additional reports and comments on, Chromosome number determinations in Fam. Compositae Tribe Astereae. IV. 48-62
- Distribution, disjunct, of *Polystichum alfarri* (Christ) Barr., *comb. nov.* in Mesoamerica. Climate and the, 327-339
- Ecological aspects of *Arethusa bulbosa*, *Calopogon tuberosus* and *Pogonia ophioglossoides* (Orchidaceae) in eastern Newfoundland. II. Partitioning the microhabitat. 374-380
- Endangered species. Scientific and policy considerations in restoration and reintroduction of, 287-315
- Engelmannia peristenia* (Raf.) Goodm. & Laws., *comb. nov.* 381
- Etymology of *Vaccinium* L. On the, 371-373

- Falk, Donald A. and Peggy Olwell. Scientific and policy considerations in restoration and reintroduction of endangered species. 287-315
- Flora of limesink depressions in Carolina Beach State Park (North Carolina). The, 156-166
- Floral variation and taxonomy of *Limnium* L. C. Richard (Hydrocharitaceae). 111-134
- Floristic and vegetation analysis of a freshwater tidal marsh on the Merrimack River, West Newbury, Massachusetts. A, 63-97
- Freshwater tidal marsh on the Merrimack River, West Newbury, Massachusetts. A floristic and vegetation analysis of a, 63-97
- Gandhi, Kancheepuram N. *see* Kartesz, John T.
- Geographical distribution and ecology of Long's Bulrush, *Scirpus longii* (Cyperaceae) in Canada. 141-155
- Goodman, George J. and Cheryl A. Lawson. Two new combinations and a name change from the Long Expedition of 1820. 381-382
- Guianas, Asteraceae of the, III: Vernoniaeae and restoration of the genus *Xiphochaeta*. The, 348-361
- Habitat management: a decision-making process. 258-286
- Hay, Stuart G., Andre Bouchard, Luc Brouillet and Martin Jean. Additions to the flora of Newfoundland. II. 383-386
- Herndon, Alan. Nomenclatural notes on North American *Hypoxis* (Hypoxidaceae). 43-47
- Hill, Nicholas M. and Mats E. Johansson. Geographical distribution and ecology of Long's Bulrush, *Scirpus longii* (Cyperaceae) in Canada. 141-155
- Holsinger, Kent E. Setting priorities for regional plant conservation programs. 243-257
- Hunt, David M. and Robert E. Zaremba. The northeastward spread of *Microstegium vimineum* (Poaceae) into New York and adjacent states. 167-170
- Hymenophyllum wilsonii* Hooker (Hymenophyllaceae) in the Iberian peninsula. 316-318
- Hypoxis* (Hypoxidaceae). Nomenclatural notes on North American, 43-47
- Iberian peninsula. *Hymenophyllum wilsonii* Hooker (Hymenophyllaceae) in the, 316-319
- IN MEMORIAM
William H. Drury 395
Herman R. Sweet 396
- Indigenous population of *Clintonia borealis* (Liliaceae) on Cape Cod. An, 98-99
- Jean, Martin *see* Hay, Stuart G.
- Johansson, Mats E. *see* Hill, Nicholas M.
- Kartesz, John T. and Kancheepuram N. Gandhi. *Chloris barbata* Sw. and *C. elata* Desvaux (Poaceae), the earlier names for *C. inflata* Link and *C. dandeyana* Adams. 135-140
- Keenan, Philip E. A new form of *Triphora trianthophora* (Swartz) Rydberg, and part 3 of observations of the ecology of *Triphora trianthophora* (Orchidaceae) in New Hampshire. 38-42
- Kral, Robert *see* Simmers, Richard W.
- Lawson, Cheryl A. *see* Goodman, George J.
- Limesink depressions in Carolina Beach State Park (North Carolina). The flora of, 156-166
- Limnium* L. C. Richard (Hydrocharitaceae). Floral variation and taxonomy of, 111-134
- Limnium spongia* (Bosc.) Steudel, subsp. *laevigatum* (Humboldt &

- Bonplant ex Willdenow) Lowden, *comb. nov.* 129
- Long Expedition of 1820. Two new combinations and a name change from the, 381-382
- Long's Bulrush, *Scirpus longii* (Cyperaceae) in Canada. Geographical distribution and ecology of, 141-155
- Lowden, Richard M. Floral variation and taxonomy of *Limnium* L. C. Richard (Hydrocharitaceae). 111-134
- Marsh, freshwater tidal, on the Merrimack River, West Newbury, Massachusetts. A floristic and vegetation analysis of a, 63-97
- Massachusetts. A floristic and vegetation analysis of a freshwater tidal marsh on the Merrimack River, West Newbury, 63-97
- Massachusetts. A naturally-occurring population of putative *Arisaema triphyllum* subsp. *stewardsonii* × *A. dracontium* hybrids in, 340-347
- Massachusetts. Natural plant communities of Berkshire County, 171-209
- Massachusetts. Persistence of *Carex caryophylla* in, 210-211
- Massachusetts. *Utricularia inflata* Walter (Lentibulariaceae) in, 391-392
- McCormac, James S. *Armoracia lacustris* (Brassicaceae) rediscovered in Ohio. 387-390
- Merrimack River, West Newbury, Massachusetts. A floristic and vegetation analysis of a freshwater tidal marsh on the, 63-97
- Mesoamerica. Climate and the disjunct distribution of *Polystichum alfarrii* (Christ) Barr., *comb. nov.* in, 327-339
- Mexican *Sedum* VI, Chromosomes of, Section *Sedastrum*. 362-370
- Microhabitat. Ecological aspects of *Arethusa bulbosa*, *Calopogon tuberosus* and *Pogonia ophioglossoides* (Orchidaceae) in eastern Newfoundland. II. Partitioning the, 374-380
- Microstegium vimineum* (Poaceae) into New York and adjacent states. The northeastward spread of, 167-170
- Natural plant communities of Berkshire County, Massachusetts. 171-209
- Naturally-occurring population of putative *Arisaema triphyllum* subsp. *stewardsonii* × *A. dracontium* hybrids in Massachusetts. A, 340-347
- NEW ENGLAND NOTES
- An indigenous population of *Clin-tonia borealis* (Liliaceae) on Cape Cod. 98-99
- Persistence of *Carex caryophylla* (Cyperaceae) in Massachusetts. 210-211
- Utricularia inflata* Walter (Lentibulariaceae) in Massachusetts. 391-392
- New Hampshire. A new form of *Triphora trianthophora* (Swartz) Rydberg, and part 3 of observations on the ecology of *Triphora trianthophora* (Orchidaceae) in, 38-42
- New species of *Blephilia* (Lamiaceae) from northern Alabama. A, 1-14
- New York and adjacent states. The northeastward spread of *Microstegium vimineum* (Poaceae) into, 167-170
- Newfoundland. Additions to the flora of, II. 383-386
- Newfoundland. Ecological aspects of *Arethusa bulbosa*, *Calopogon tuberosus* and *Pogonia ophioglossoides* (Orchidaceae) in eastern, II. Partitioning the microhabitat. 374-380
- Nomenclatural notes on North American *Hypoxis* (Hypoxidaceae). 43-47
- North American *Hypoxis* (Hypoxidaceae). Nomenclatural notes on, 43-47
- North Carolina. The flora of limesink depressions in Carolina Beach State Park, 156-166
- Northeastward spread of *Microstegium*

- vimineum (Poaceae) into New York and adjacent states. The, 167-170
- Ohio. *Armoracia lacustris* (Brassicaceae) rediscovered in, 387-390
- Olwell, Peggy *see* Falk, Donald A.
- Ortiz, S. *see* Soñora, F. X.
- Persistence of *Carex caryophylla* (Cyperaceae) in Massachusetts. 210-211
- Phenology of *Carphepus corymbosus* (Compositae). Comments on the, 323-325
- Plant conservation programs. Setting priorities for regional, 243-257
- Pogonia ophioglossoides* (Orchidaceae) in eastern Newfoundland. Ecological aspects of *Arethusa bulbosa*, *Calopogon tuberosus* and, II. Partitioning the microhabitat. 000-000
- polystichum alfarrii* (Christ) Barr., *comb. nov.* 328
- Polystichum alfarrii* (Christ) Barr., *comb. nov.* in Mesoamerica. Climate and the disjunct distribution of, 327-339
- Rare species protection. Taxonomic issues in, 218-242
- Restoration and reintroduction of endangered species. Scientific and policy considerations in, 287-315
- Reviewers, List of, for 1991-1992. 400
- Robinson, Harold. Asteraceae of the Guianas, III: Vernoniaceae and restoration of the genus *Xiphochaeta*. 348-361
- Rodriguez-Oubiña, J. *see* Soñora, F. X.
- Sanders, Laurie L. and C. John Burk. A naturally-occurring population of putative *Arisaema triphyllum* subsp. *stewardsonii* × *A. dracontium* hybrids in Massachusetts. 340-347
- Scientific and policy considerations in restoration and reintroduction of endangered species. 287-315
- Scirpus longii* (Cyperaceae) in Canada. Geographical distribution and ecology of Long's Bulrush, 141-155
- Scott, Peter J. *see* Boland, J. Todd
- Scutellaria parvula* Michx. var. *missouriensis* (Torr.) Goodm. & Laws., *comb. nov.* 381
- Sedum, Chromosomes of Mexican, VI. Section *Sedastrum*. 362-370
- Semple, John C., Jerry G. Cimielewski and Chunsheng Xiang. Chromosome number determinations in Fam. Compositae, Tribe Astereae. IV. Additional reports and comments on the cytogeography and status of some species of *Aster* and *Solidago*. 48-62
- Setting priorities for regional plant conservation programs. 243-257
- Simmers, Richard W. and Robert Kral. A new species of *Blephilia* (Lamiaceae) from northern Alabama. 1-14
- Siren, David J. and Karen R. Warr. The flora of limesink depressions in Carolina Beach State Park (North Carolina). 156-166
- Solidago*, *Aster* and, Chromosome number determinations in Fam. Compositae, Tribe Astereae. IV. Additional reports and comments on the cytogeography and status of some species of, 48-62
- Soñora, F. X., S. Ortiz and J. Rodriguez-Oubiña. *Hymenophyllum wilsonii* Hooker (Hymenophyllaceae) in the Iberian peninsula. 316-319
- Sorrie, Bruce A. *Utricularia inflata* Walter (Lentibulariaceae) in Massachusetts. 391-392
- Standley, Lisa A. Persistence of *Carex caryophylla* (Cyperaceae) in Massachusetts. 210-211
- Standley, Lisa A. Taxonomic issues in rare species protection. 218-242
- SYMPOSIUM—March, 1992.
- New England Plant Conservation: The Scientific Basis for Effective Action. 213-315
- Foreword. Leslie J. Mehrhoff, President NEBC and William E. Brum-

- back, Conservation Director
NEWFS. 215-217
- Taxonomic issues in rare species protection. 218-242
- Triphora trianthophora** (Swartz) Rydberg forma **albidoflava** Keenan forma *nova*. 39
- Triphora trianthophora** (Swartz) Rydberg, A new form of, and part 3 of observations on the ecology of **Triphora trianthophora** (Orchidaceae) in New Hampshire. 38-42
- Two new combinations and a name change from the Long Expedition of 1820. 381-382
- Uhl, Charles H. Chromosomes of Mexican Sedum VI. Section Sedastrum. 362-370
- United States, northeastern. Contributions to the flora of the, 15-37
- Utricularia inflata** Walter (Lentibulariaceae) in Massachusetts. 391-392
- Vaccinium** L. On the etymology of, 371-373
- Vander Kloet, S. P. On the etymology of **Vaccinium** L. 371-373
- Vernonieae and restoration of the genus **Xiphochaeta**. The Asteraceae of the Guianas, III:, 348-361
- Warr, Karen R. *see* Siren, David J.
- Weatherbee, Pamela B. and Garrett E. Crow. Natural plant communities of Berkshire County, Massachusetts. 171-209
- Xiang, Chunsheng *see* Semple, John C.
- Xiphochaeta**. The Asteraceae of the Guianas, III: Vernonieae and restoration of the genus, 348-361
- Zaremba, Robert E. *see* Hunt, David M.
- Zika, Peter F. Contributions to the flora of the northeastern United States. 15-37

